FEB 2 8 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

John M. Morgenstern; Alan E. Arslan

Assignee:

Supersonic Aerospace International, LLC

Title:

Mach Weighted Area Ruling For Supersonic Vehicles

Serial No.:

10/706,673

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Collins, Timothy

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Irvine, California February 28, 2005

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION DATED OCTOBER 29, 2004

Dear Sir:

This paper is responsive to the Office Action dated October 29, 2004, having a shortened statutory period expiring January 29, 2005. A one-month extension of time is filed herewith setting a period for response that expires February 28, 2005. Further examination and reconsideration are respectfully requested.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

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